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PATENT & TRADEMARK OFFICE

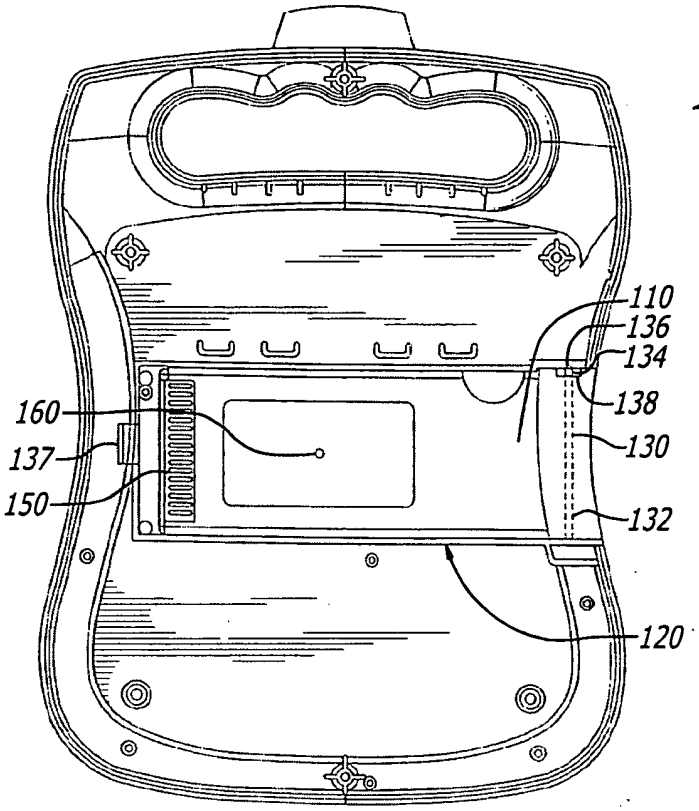


FIG. 1A

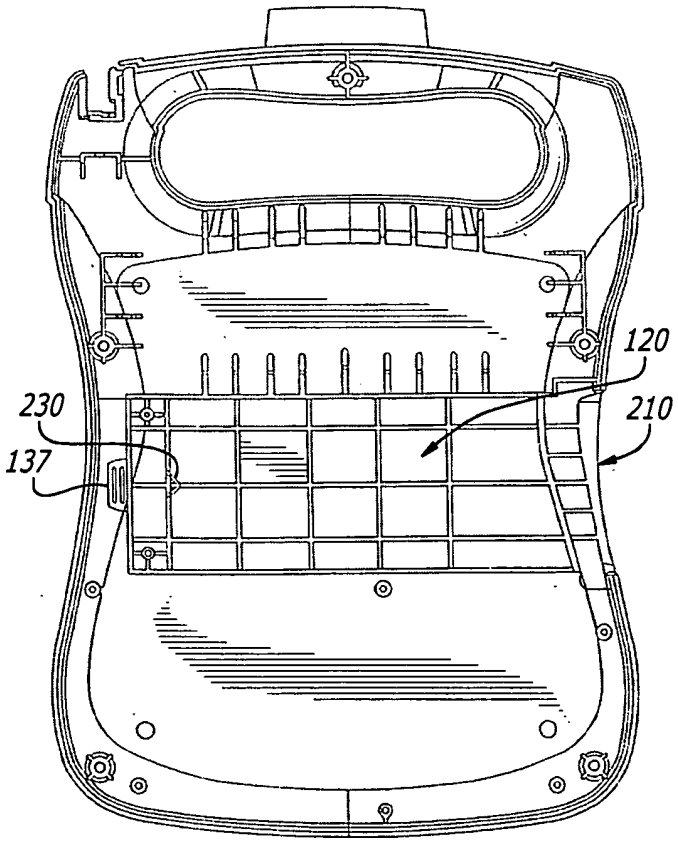


FIG. 1B

FIG. 2

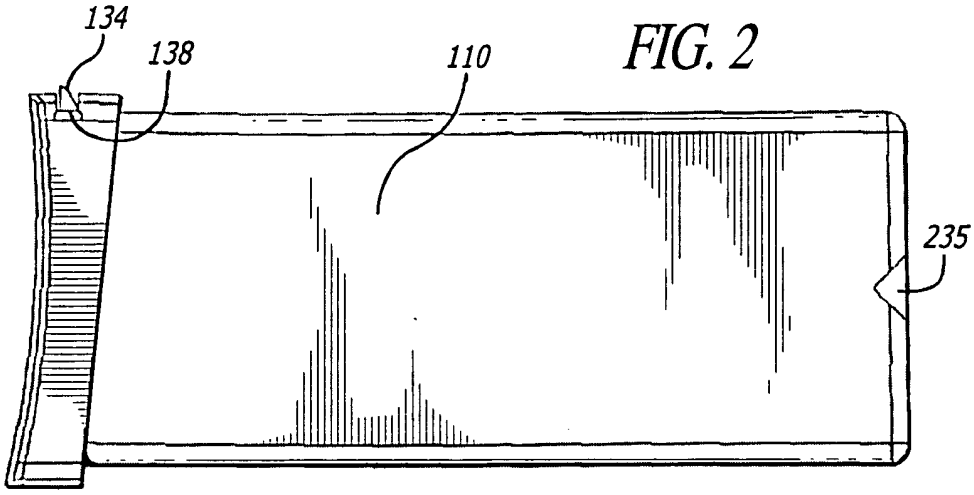


FIG. 3

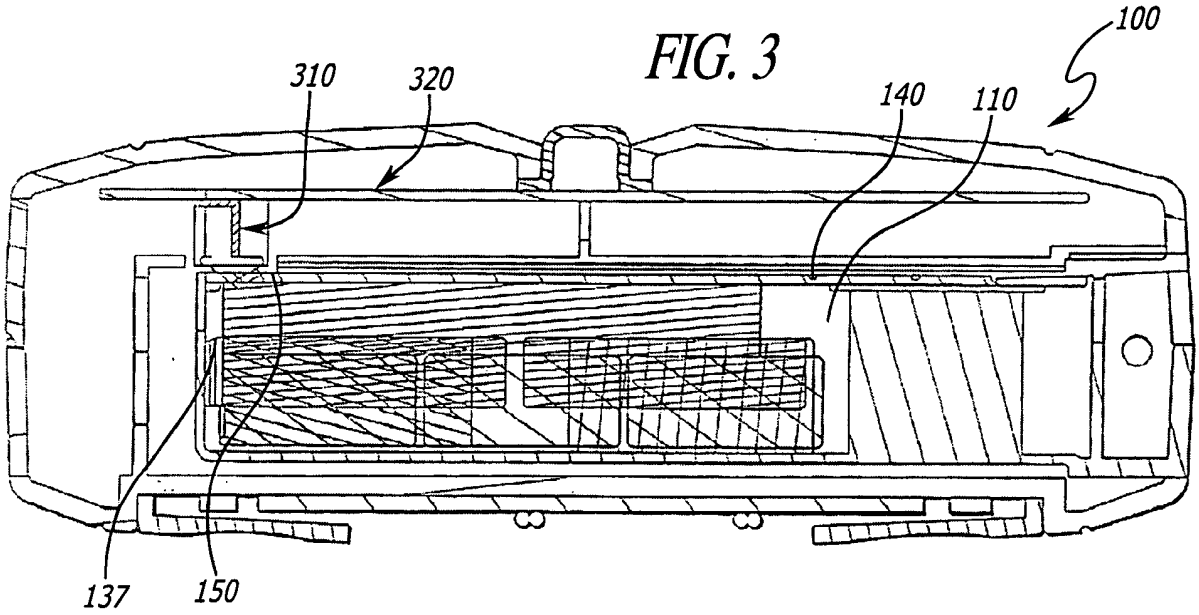


FIG. 4

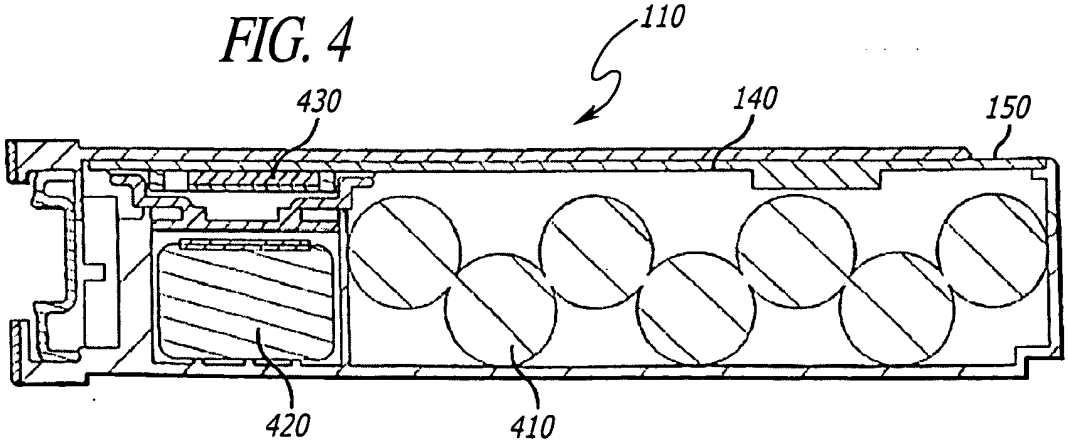
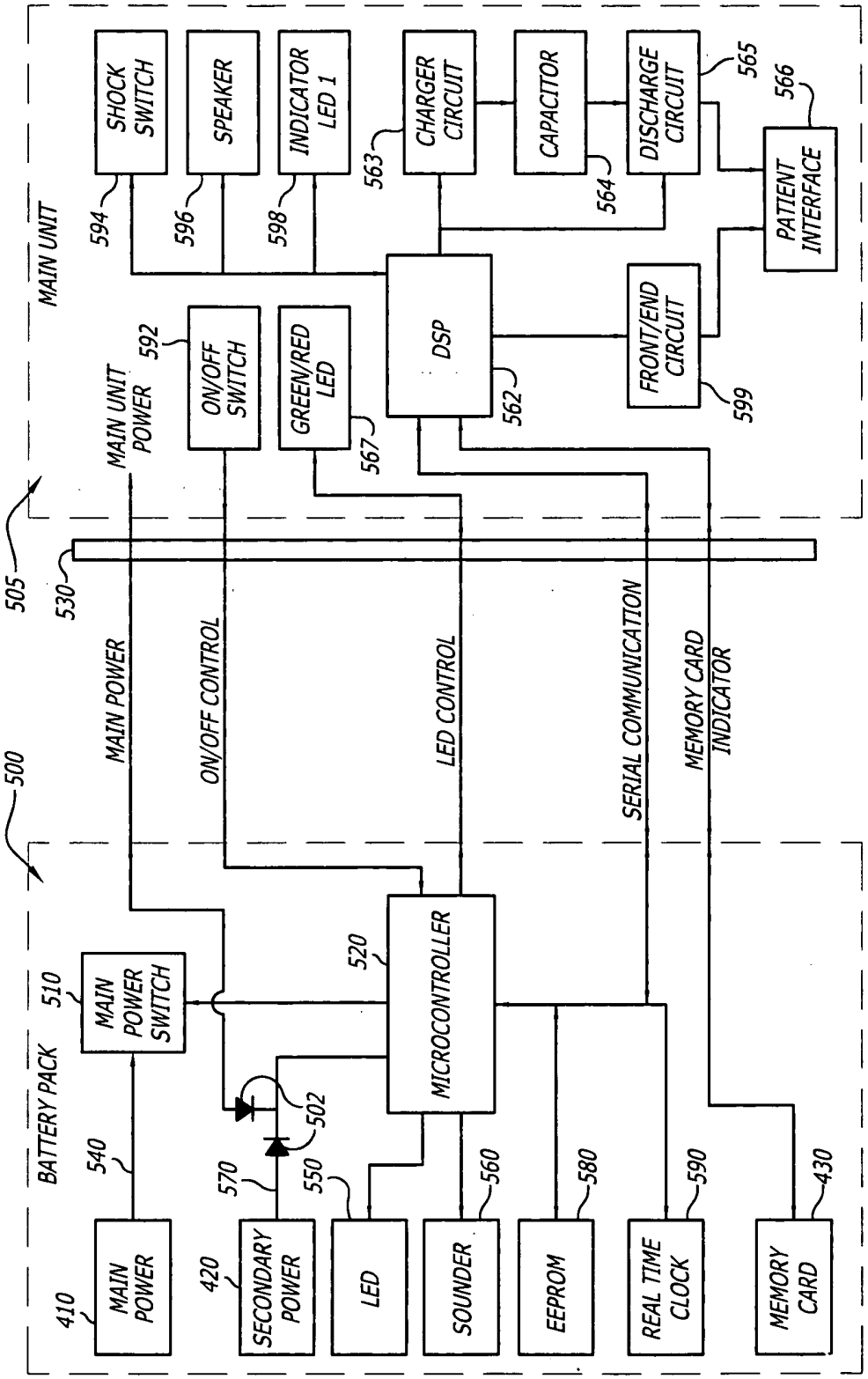


FIG. 5


MAIN UNIT
505
530
SHOCK SWITCH
SPEAKER
INDICATOR LED 1
CHARGER CIRCUIT
CAPACITOR
DISCHARGE CIRCUIT
PATIENT INTERFACE
DSP
FRONT/END CIRCUIT
ON/OFF SWITCH
GREEN/RED LED
MAIN UNIT POWER
MAIN POWER
ON/OFF CONTROL
LED CONTROL
SERIAL COMMUNICATION
MEMORY CARD INDICATOR
500
BATTERY PACK
MAIN POWER SWITCH
MICROCONTROLLER
MAIN POWER
SECONDARY POWER
LED
SOUNDER
EEPROM
REAL TIME CLOCK
MEMORY CARD
410
420
430
502
510
520
540
550
560
570
580
590
592
594
596
598
562
563
564
565
566
567
599

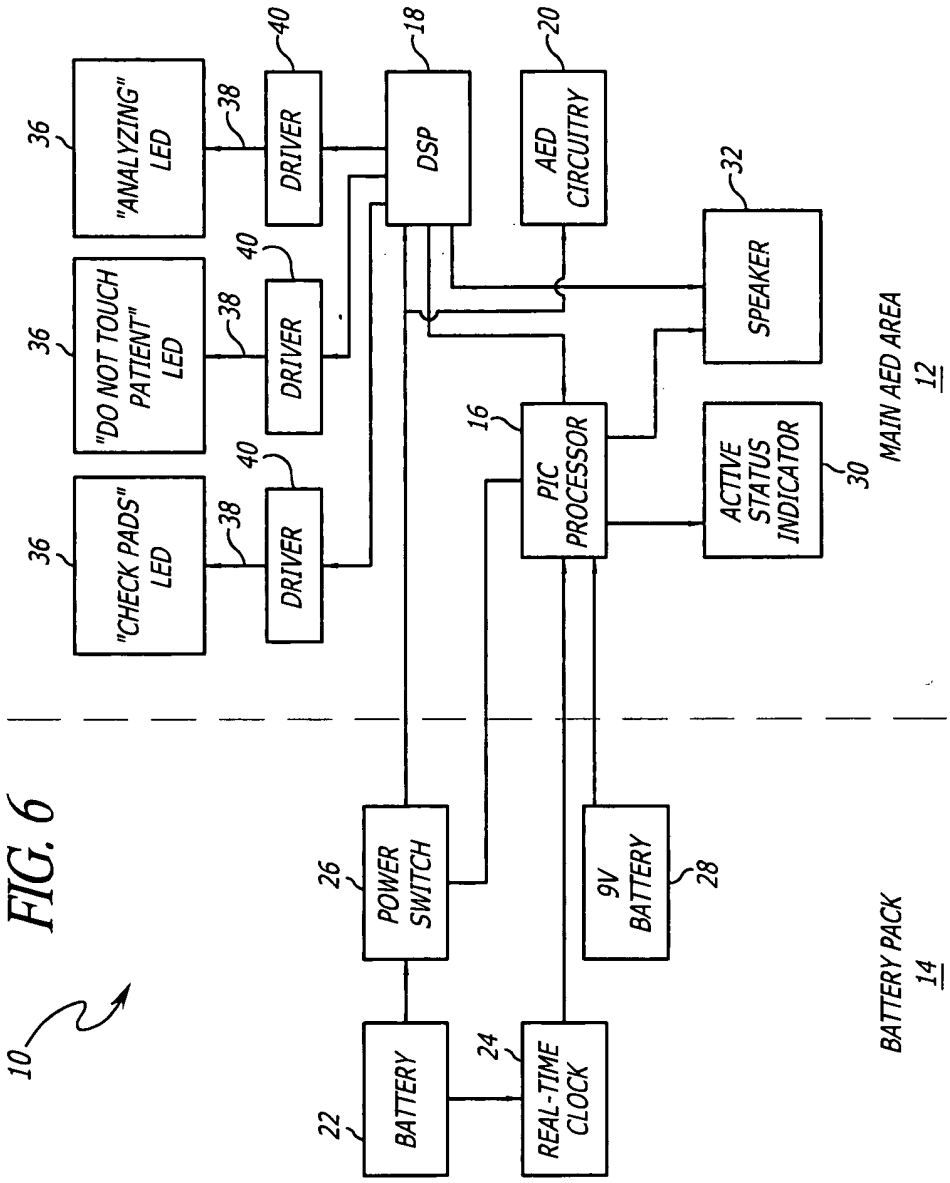

10
"ANALYZING" LED
"DO NOT TOUCH PATIENT" LED
"CHECK PADS" LED
36
38
DRIVER
40
DSP
18
AED CIRCUITRY
20
SPEAKER
32
PIC PROCESSOR
16
ACTIVE STATUS INDICATOR
30
MAIN AED AREA
12
POWER SWITCH
26
9V BATTERY
28
BATTERY
22
REAL-TIME CLOCK
24
BATTERY PACK
14

FIG. 6

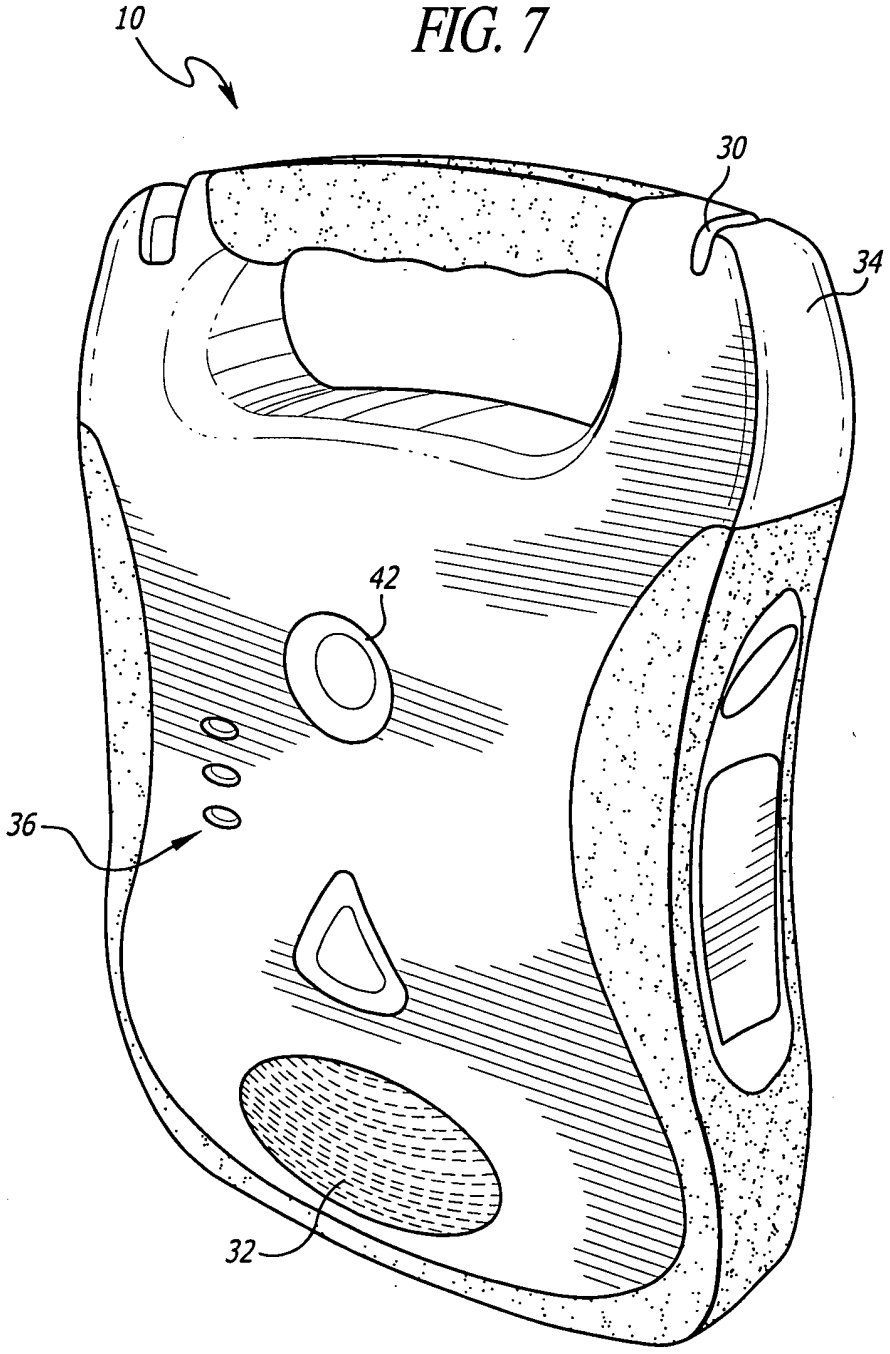



FIG. 7